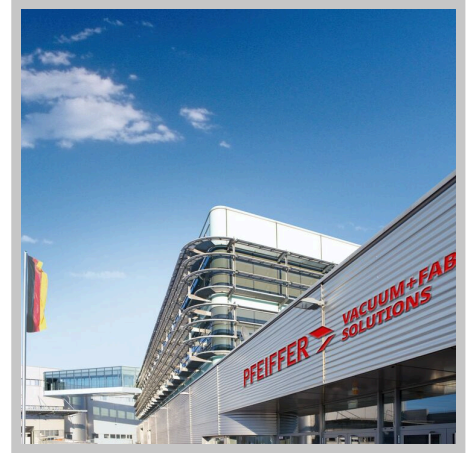




A red pole with multiple white directional signs pointing in various directions, each displaying a distance in kilometers. The signs are for various international destinations including Berlin, Frankfurt, London, and others.

Destination	Distance (km)
Berlin, Germany	630
Frankfurt, Germany	7.124
London, England	8.809
Shanghai, China	10.280
Singapore	1.189
Bucharest, Romania	1.715
Hanoi, Vietnam	8.715
Ho Chi Minh City, Vietnam	9.356
Paris, France	5.800
Amsterdam, Netherlands	5.800
Brussels, Belgium	5.800
Madrid, Spain	5.800
Rome, Italy	5.800
Stockholm, Sweden	5.800
Oslo, Norway	5.800
Copenhagen, Denmark	5.800
Warsaw, Poland	5.800
Prague, Czech Republic	5.800
Budapest, Hungary	5.800
Sofia, Bulgaria	5.800
Belgrade, Serbia	5.800
Bucharest, Romania	5.800
Hanoi, Vietnam	5.800
Ho Chi Minh City, Vietnam	5.800

PFEIFFER 

HV angle valve

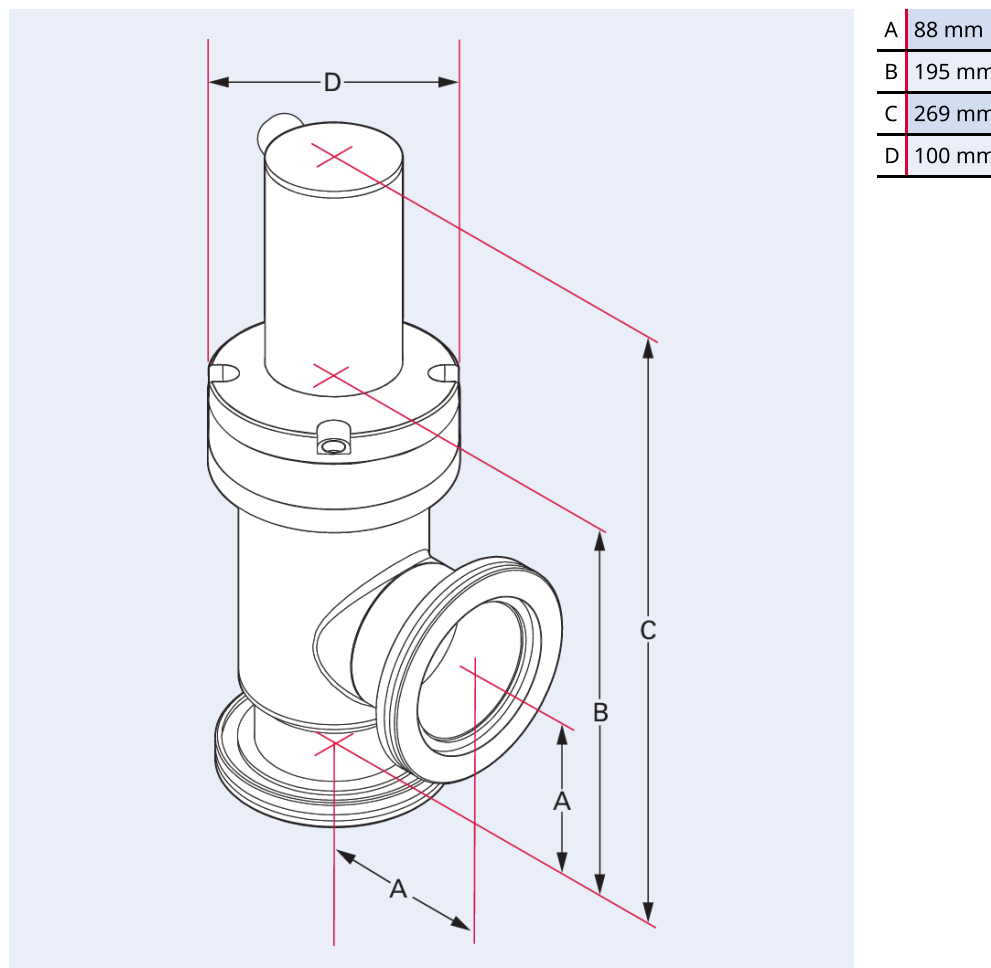


Illustration only

HV Angle Valve, DN 63 ISO-K, electro-pneumatic, PV 24 V DC, SS/FKM, "A"-dim. 88 mm

- Double acting (air to open / air to close)
- With elastomer seals for high vacuum operation
- Additional bellows segments increase the service life
- Can be operated in any orientation
- Additional O-ring materials available

Dimensions



Technical Data	HV Angle Valve, DN 63 ISO-K, electro-pneumatic, PV 24 V DC, SS/FKM, "A"-dim. 88 mm
Feedthrough	Bellows Stainless steel
Power control valve	4.5 W
Seal	FKM
Control valve	Included
Type	HV Angle valve
Temperature range	20 – 150 °C
Housing	Stainless steel
Actuator	Electro-pneumatic
Input voltage(s)	24 V DC
Tightness	1 · 10 ⁻¹⁰ Pa m ³ /s 7.5 · 10 ⁻¹⁰ Torr l/s 1 · 10 ⁻⁹ mbar l/s
Conductance value with molecular flow	136 l/s
Operating pressure min.	1 · 10 ⁻⁸ hPa 7.5 · 10 ⁻⁹ Torr 1 · 10 ⁻⁸ mbar
Pressure max. (absolute)	1,000 hPa 750 Torr 1,000 mbar
Bakeout temperature: actuator, pilot valve	60 °C 140 °F 333.15 K
Bakeout temperature: housing	150 °C 302 °F 423.2 K
Differential pressure in closing direction	1,400 hPa 1,050 Torr 1,400 mbar
Differential pressure in opening direction	1,400 hPa 1,050 Torr 1,400 mbar
Weight approx.	3.1 kg 6.83 lb
Compressed air volume	112 cm ³
Connection flange	DN 63 ISO-K
Closing/opening time	0.75 s/0.5 s
Compressed air (overpressure)	6000 – 8000 hPa
Temperature range max.	150 °C 302 °F 423.15 K
Temperature range min.	20 °C 4 °F 253.15 K

Order number	HV Angle Valve, DN 63 ISO-K, electro-pneumatic, PV 24 V DC, SS/FKM, "A"-dim. 88 mm
HV Angle Valve, DN 63 ISO-K, electro-pneumatic, PV 24 V DC, SS/FKM, "A"-dim. 88 mm	ESVPA-S06202

Accessories	HV Angle Valve, DN 63 ISO-K, electro-pneumatic, PV 24 V DC, SS/FKM, "A"-dim. 88 mm
Set of seals for valve ESVP/AIVP, DN 63	ESVP-250-95
Control valve for valve ESVP/AIVP/CSVP/CAIVP	S22-K



Errors and/or changes excepted. - 5/15/2025

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